Figure 1A

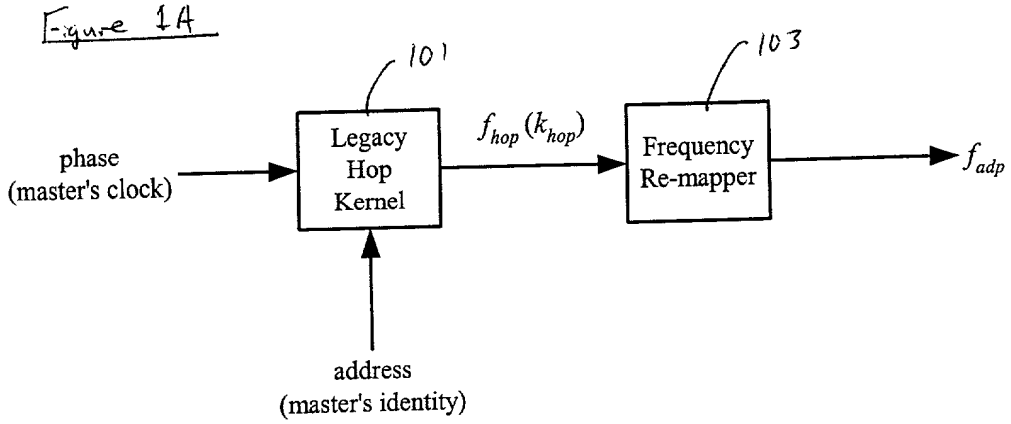


Figure 1B

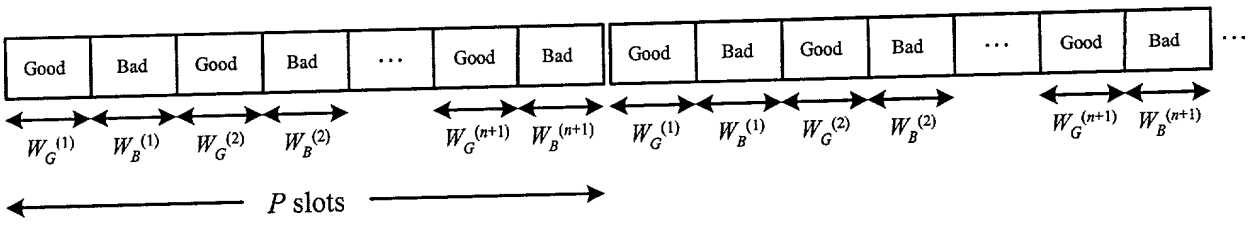


Figure 1C

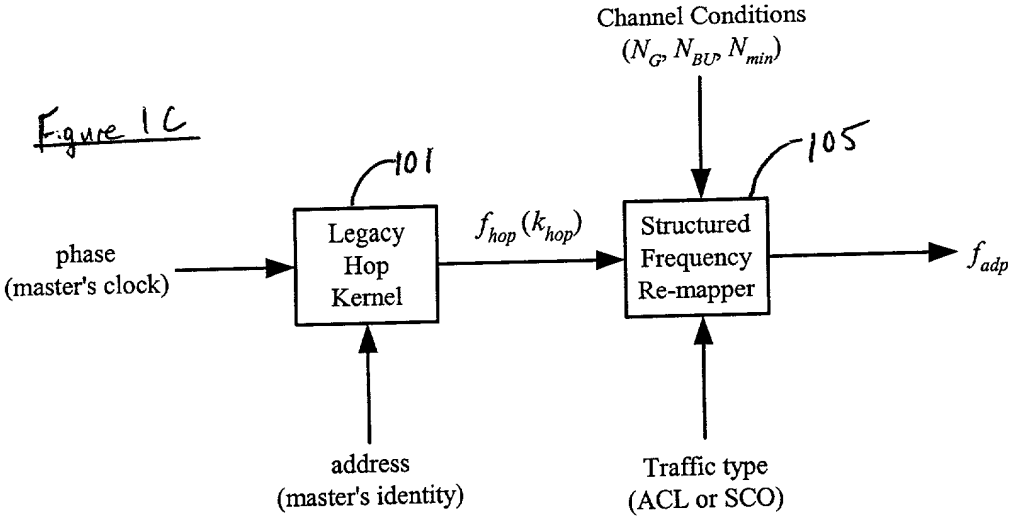


Figure 1D

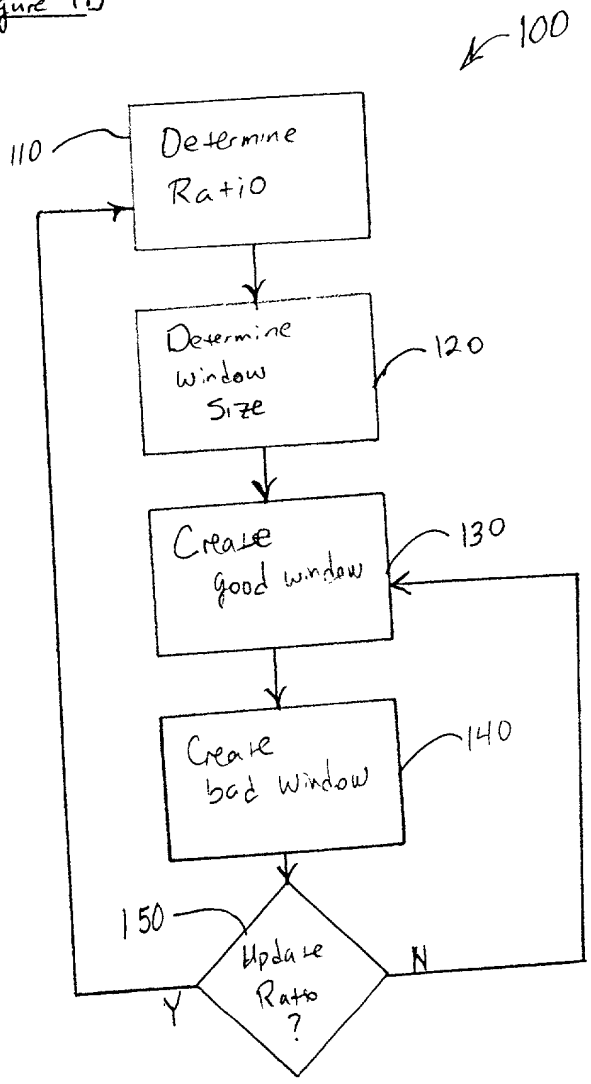


Figure 2

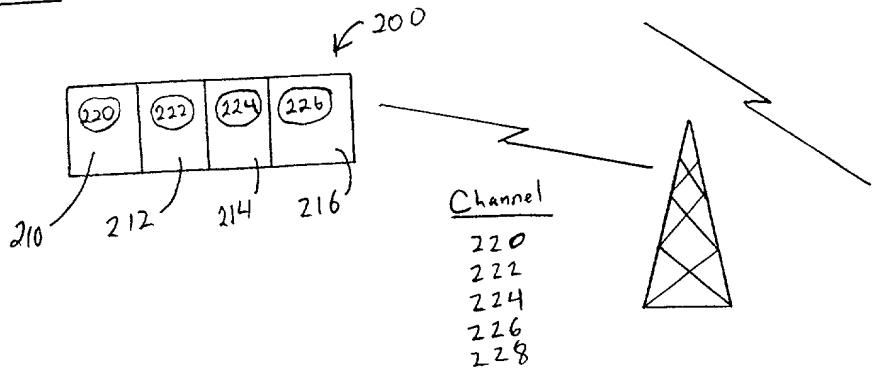
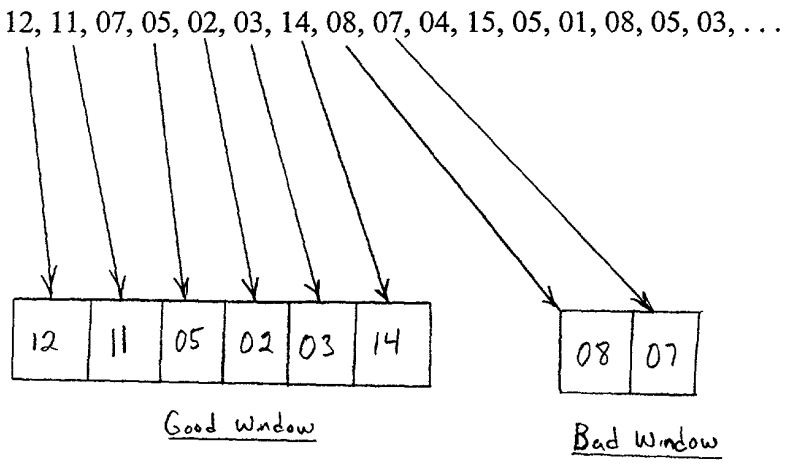


Fig. 3

sixteen channels
01, 02, 03, 04, 05, **06, 07, 08, 09**, 10, 11, 12, 13, 14, 15, 16.

original random hopping sequence
12, 11, 07, 05, 02, 03, 14, 08, 07, 04, 15, 05, 01, 08, 05, 03, . . .



Replacement Sheet

Figure 4

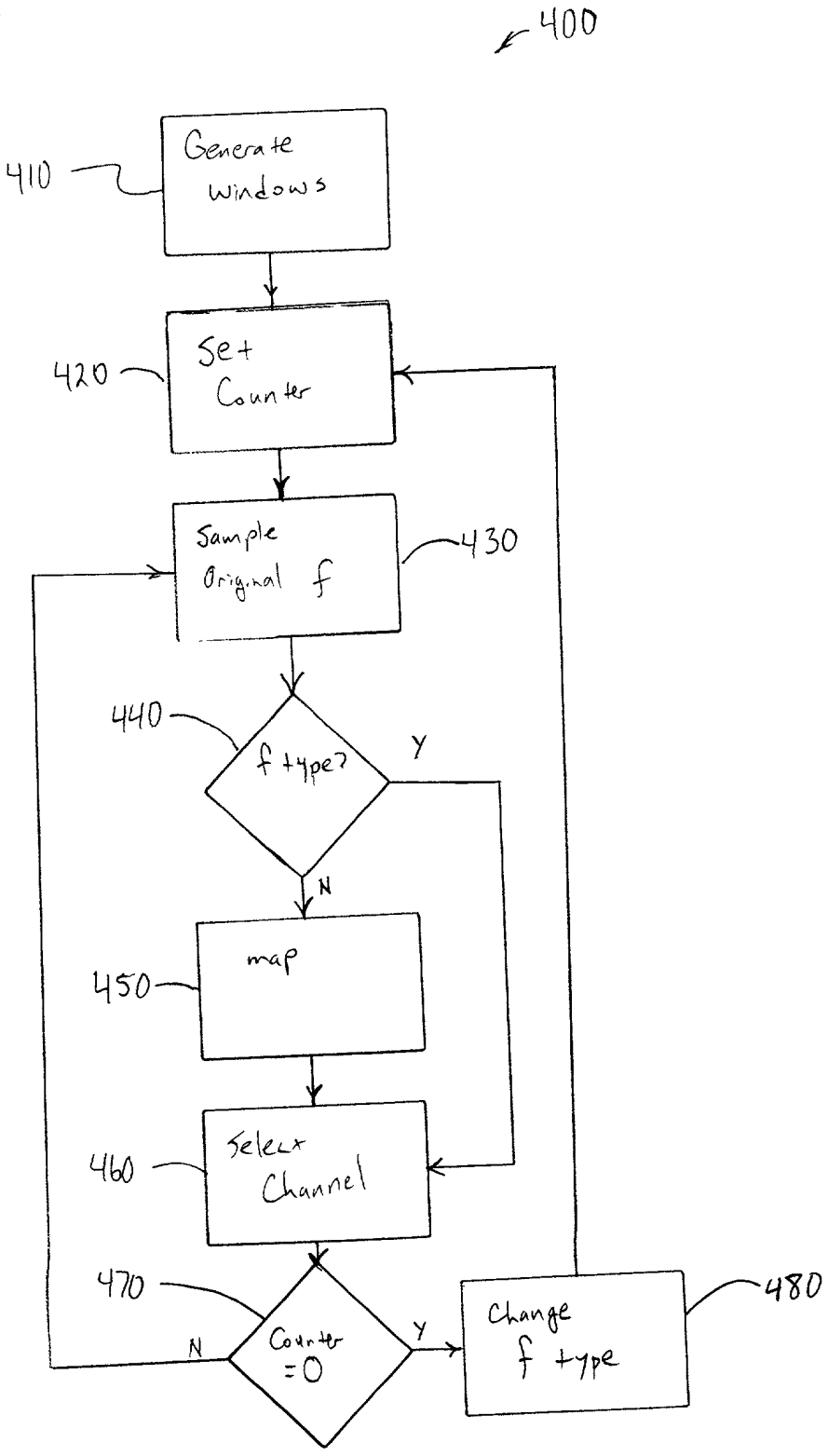
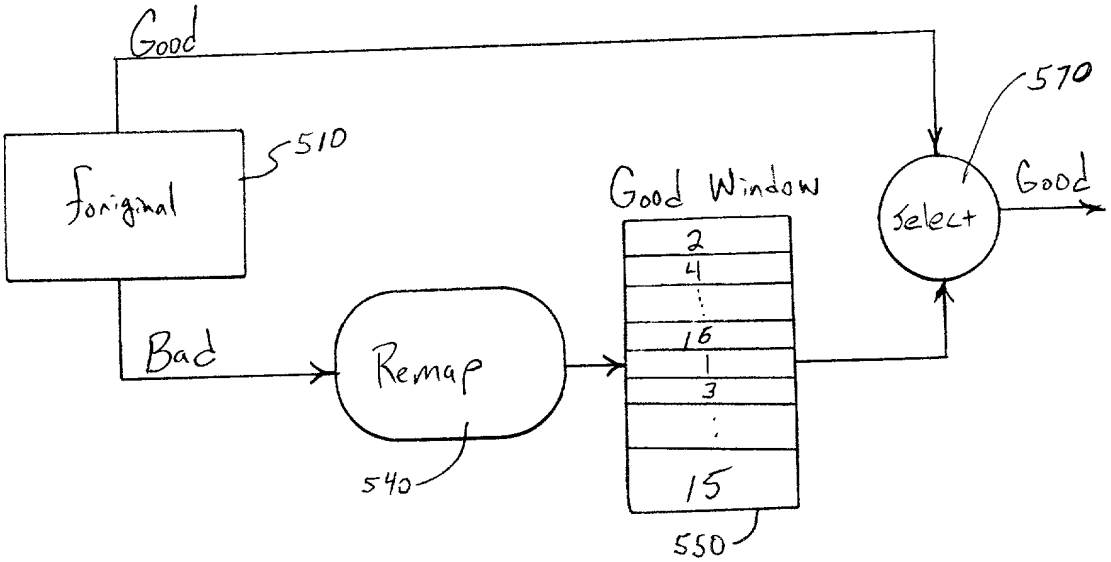

400
410
Generate Windows
420
Set Counter
Sample Original f
430
440
f type?
Y
N
450
map
460
Select Channel
470
Counter =0
N
Y
Change f type
480

Figure 5a



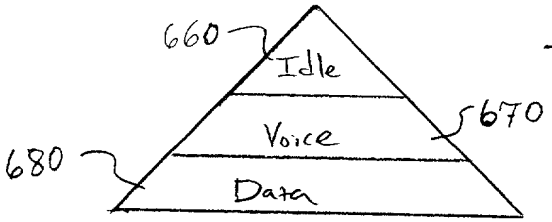


Figure 6b

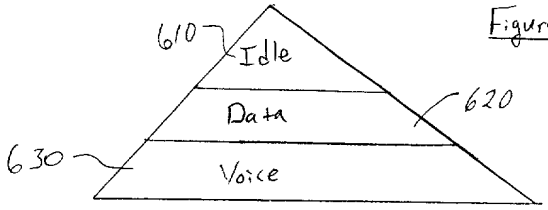
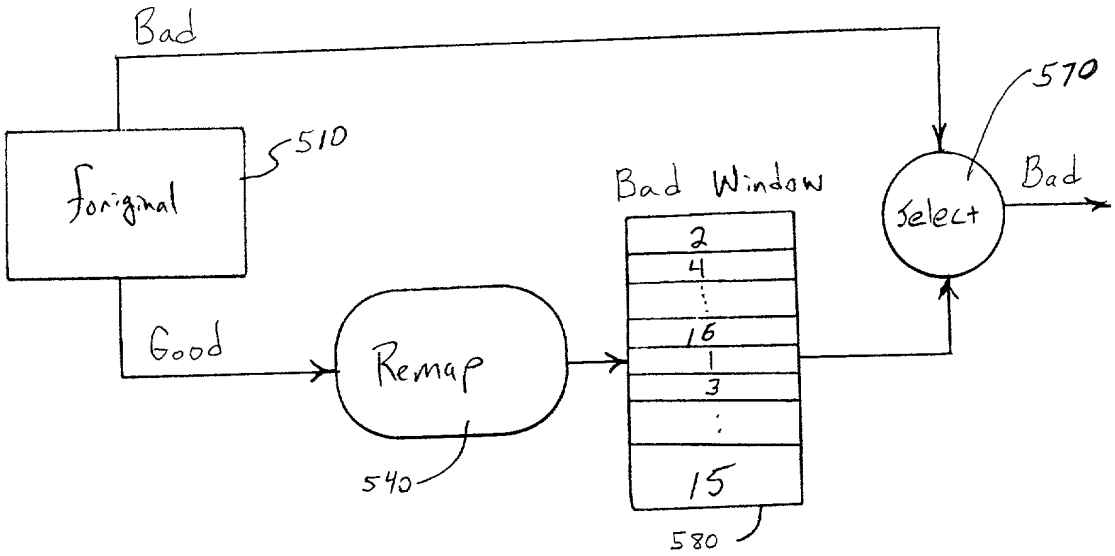


Figure 6a

Figure 5b


Bad
forignal
510
Good
Remap
540
Bad Window
2
4
16
1
3
15
580
570
Select
Bad